



Early Journal Content on JSTOR, Free to Anyone in the World

This article is one of nearly 500,000 scholarly works digitized and made freely available to everyone in the world by JSTOR.

Known as the Early Journal Content, this set of works include research articles, news, letters, and other writings published in more than 200 of the oldest leading academic journals. The works date from the mid-seventeenth to the early twentieth centuries.

We encourage people to read and share the Early Journal Content openly and to tell others that this resource exists. People may post this content online or redistribute in any way for non-commercial purposes.

Read more about Early Journal Content at <http://about.jstor.org/participate-jstor/individuals/early-journal-content>.

JSTOR is a digital library of academic journals, books, and primary source objects. JSTOR helps people discover, use, and build upon a wide range of content through a powerful research and teaching platform, and preserves this content for future generations. JSTOR is part of ITHAKA, a not-for-profit organization that also includes Ithaka S+R and Portico. For more information about JSTOR, please contact support@jstor.org.

INDEX

A

- Abbot, solar constant of radiation, 235, *vii*
 Adrenal glands, secretion of, during emotional excitement, 226, *x*
 Air, high voltage corona in, 374, *ix*
 —, transpiration of, through a partition of water, 117, *viii*
 Alligator snapper and fossil, 455
 Arbitration, relations of U. S. to international, *vi*
 Arrhenius, physical conditions of Mars, *ix*
 Asteroids, some curiosities in motions of, *vii*
 Atlantic Coast, supposed recent subsidence of, *viii*
 Atmosphere, extension of our knowledge of, *vii*
 Atom, constitution of, 366

B

- Barker, George Frederick, obituary notice of, *xii*
 Barnard, self-luminous night haze, 246, *vii*
 Barus, elliptic interference with reflecting gratings, 125, *ix*
 —, transpiration of air through a partition of water, 117
 Benedict, factors affecting changes in body-weight, *xiv*
 Berry, tertiary floras of Atlantic and Gulf coastal plain, 301, *vii*
 Blood, coagulation of, *xi*
 Bloomfield, religion of Sikhs, *xi*
 Blueberry, and its relation to acid soils, *vii*
 Bogert, quinazolone arzo dye stuffs, *x*
 Boltwood, radioactivity, 333, *xii*
 Brown, some curiosities in the motions of asteroids, *vii*
 Bryce, obituary notice of Henry Charles Lea, *xxiv*

C

- Campbell, some peculiarities in motions of stars, *viii*
 Cannon, notes on, 147, *v*

- Cannon, stimulation of adrenal secretion by emotional excitement, 226, *x*
 Carrel, abnormal forms of life, and their application, *xi*
 Chemical industries, census of, *x*
 Cheyney, obituary notice of Henry Charles Lea, *iii*
 Coal beds, formation of, 1, 519, *viii*, *xiv*
 Coates, William Rush, the first American sculptor, *xiii*
 Comet, Halley's, repulsion of gaseous molecules in tail of, 254
 Comstock, modern theory of electricity and matter, 321
 Conklin, nature and causes of embryonic differentiation, *ix*
 Corona, high voltage, in air, 374
 Cosmogony, the new, 261, *vii*
 Cost of living in twelfth century, rise in, *v*
 Coville, blueberry and its relation to acid soils, *vii*
 Crile, phylogenetic association in relation to the emotions, *x*
 Crystals, fluid, and bi-refrangent liquids, *iv*

D

- Dana, notes on cannon, fourteenth and fifteenth centuries, 147, *v*
 Davis, front range of Rocky Mountains in Colorado, *viii*
 Day, Geophysical research, *xiv*
 Differentiation, embryonic, *ix*
 Dyestuffs, Quinazoline Azo, *x*

E

- Eggettes: a conservation of fuel, *xi*
 Electricity, disruptive discharges of, through flames, 397, *ix*
 —, and matter, modern theory of, 321
 Electrons, aggregates of, 347
 Elliptic interference with reflecting gratings, 125, *ix*
 Equations, solution of linear differential, by successive approximation, 274, *vi*
 Eve, an ancient protest against the curse of, 505, *xi*

Explosives, investigation of, at Pittsburgh Testing Station, *iii*

F

Field, Eggettes: a conservation of fuel, *xi*

Floras, tertiary, of Atlantic and Gulf coastal plains, 301, *vii*

Furness, obituary notice of Henry Charles Lea, *xxix*

G

Geophysical Research, *xiv*

Glaciers, alimentation of existing continental, *viii*

Glyptodon, remains of, found in Florida, *v*

Gunnell, second Conference of the International Catalogue of Scientific Literature, *vi*

H

Harshberger, influence of sea water on distribution of plants, 457

Haupt, Paul, an ancient protest against the curse of Eve, 505, *xi*

Hay, a fossil specimen of the alligator snapper (*Macrochelys temminckii*) from Texas, 452

Haze, self-luminous night, 246, *vii*

Helios and Saturn, *xi*

Hinrichs, the atomic weight of vanadium, 191, *x*

History, the new, 179, *xi*

Hobbs, alimentation of existing continental glaciers, *viii*

Holmes, lignite coals of the U. S. and their utilization, *xiii*

Hopkins, theories of totemism, *xi*

Hopkinson, Thomas, presentation of portrait of, *xi*

Howell, coagulation of the blood, *xi*

I

Iddings, problems in petrology, 286, *viii*

Immigrant, the early German, and the immigration question of to-day, *vi*

International arbitration, relations of U. S. to, *vi*

Ionic theory, properties of salt solutions in relation to, *x*

Isostasy and mountain ranges, 444, *viii*

J

Jaeger, fluid crystals and bi-refrident liquids, *iv*

Jastrow, Helios and Saturn, *xi*

Johnson, supposed recent subsidence of the Atlantic Coast, *viii*

Jones, power of solution to absorb light, *x*

— obituary notice of Jacobus Henricus Van't Hoff, *iii*, *xii*

L

Lambert, solution of linear differential equations by successive approximations, 274, *vi*

Lea, Henry Charles, obituary notice of, *iii*

—, portrait of, presented, *xxxvii*

—, Isaac, portrait of, presented, *xxxix*

Learned, the early German immigrant, and immigration question of to-day, *vi*

Life, abnormal forms of, *xi*

Light, power of solutions to absorb, *x*

Lignite coals of U. S. and their utilization, *xiii*

Liquids, bi-refrident, *iv*

Living, cost of, in 12th Century, 497, *v*

Loeb, cyclic changes in mammalian ovary, 228, *xi*

Lovett, generalizations of problem of several bodies, *vi*

Lowell, repulsion of gaseous molecules in tail of Halley's comet, 254, *vii*

M

Mammals, past and present of western hemisphere, *iv*

Mars, physical conditions of, *ix*

Matter and electricity, symposium on modern views of, *xii*

Meeting, general, *v*

—, special, *xii*

—, stated, *iii*, *iv*, *v*, *vi*, *vii*, *viii*, *ix*, *x*, *xi*, *xii*, *xiii*

Melville, a century of steam navigation, *v*

Members deceased:

Ashhurst, Richard Lewis, *iv*

Bertin, Georges, *iii*

Bowditch, Henry R., *v*

Christie, James, *xiv*

Cook, Joel, *iii*

Dunning, George F., *xiv*

du Pont, Edouard, *xiv*

Emmons, S. F., *v*

Jordan, Francis, Jr., *xiv*

Levasseur, Pierre Emile, *xiv*

Members deceased (continued)

- McCook, Henry C., *xiv*
- March, James Andrew, *xiv*
- Meyer, A. B., *xiv*
- Oliver, Charles A., *v*
- Pemberton, Henry, *v*
- Scudder, Samuel Hubbard, *xiv*
- Stoney, G. Johnstone, *xiv*
- Thompson, Heber S., *v*
- Tilghman, Benjamin Chew, *v*
- Van't Hoff, Jakob Heinrich, *iv*
- Whitman, Charles Otis, *iii*
- Members elected, *ix, x*
- , presented, *vi, xii*
- Membership accepted, *xiii*
- Miller, totality of substitutions on *n* letters, *139, vi*
- Molecules, gaseous, in tail of Halley's comet, repulsion of, *vii*
- Moreau de Saint Mery and his French friends in the A. P. S., *168, vi*
- Mountain ranges, isostasy and, *444*
- Munro, rise in cost of living in twelfth century, *497, v*
- Munroe, census of chemical industries, *x*
- , investigation of explosives at Pittsburgh Testing Station, *iii*

N

- n* letters, totality of substitutions on, *139, vi*
- Navigation, steam, a century of, *v*
- Nervous system, origin and significance of primitive, *217, ix*
- Nipher, disruptive discharges of electricity through flames, *397, ix*
- , an optical phenomenon, *316, ix*
- Nolineæ, desert group, *405, vii*
- Noyes, properties of salt solutions in relation to ionic theory, *x*

O

- Obituary notice of George Frederick Barker, *xiii*
- Henry Charles Lea, *iii*
- Jacobus Henricus Van't Hoff, *iii, xii*
- Officers and Council, election of, *iii, iv*
- Olivier, 175 parabolic orbits and other results deduced from over 6,200 meteors, *vii*
- Orbits, 175 parabolic, deduced from over 6,200 meteors, *vii*
- Ovary, cyclic changes in mammalian, *228, xi*

P

- Parker, origin and significance of primitive nervous system, *217, ix*
- Petrology, problems in, *286, viii*
- Phylogenetic association in relation to the emotions, *x*
- Physicians, Elizabethan, *v*
- Phytosaur from the Triassic of Pennsylvania, *viii*
- Porpoises of the family Delphinidæ, *xi*
- Portrait of Thomas Hopkinson, *xi*
- Henry C. Lea, *xxxvii*
- Isaac Lea, *xxxix*

R

- Radiation, solar constants of, *vii*
- Radioactivity, *333*
- Reid, relation of isostasy to elevation of mountains, *444, viii*
- , the transpiration of air through a partition of water, *viii*
- Religion of Sikhs, *xi*
- Richardson, dynamical effects of aggregates of electrons, *347, xii*
- Robinson, the new history, *179, xi*
- Rocky Mountains in Colorado, front range of the, *viii*
- Rosengarten, Moreau de Saint Mery, and his French friends in the A. P. S., *168, vi*
- Rotch, extension of our knowledge of the atmosphere, *vii*
- Royal Frederick University Centennial, invitation to, *iv*
- Rush, William, the first American sculptor, *xiii*

S

- Schelling, Elizabethan physicians, *v*
- Scott, mammals, past and present of the Western hemisphere, *iv*
- , a new phytosaur from triassic of Pennsylvania, *viii*
- Sea water, influence of, on distribution of plants, *457*
- See, extension of solar system beyond Neptune, *266, vii*
- , the new cosmogony, *261, vii*
- , secular effects of increase of sun's mass, *269, vii*
- Several bodies, generalizations of problem of, *vi*
- Shore and off-shore deposits of Silurian age in Penna., *viii*
- Silurian age in Pennsylvania, shore and off-shore deposits of, *viii*
- Sinclair, tertiary formations of north-western Wyoming, *vii*

Société de Roubaix, invitation to 30th
Congrès National des Sociétés de
Géographie, *v*
Solar-constant of radiation, 235
— system, extension of, beyond
Neptune, 266, *vii*
Stars, some peculiarities in motions
of, *viii*
Stevenson, formation of coal beds, 1,
519, *viii*, *xiv*
Sun's mass, secular effects of increase
of, 269, *vii*
Symposium on modern theory of
electricity and matter, 321, 333, 347,
366, *xii*

T

Teeth of Zeuglodon, *v*
Tertiary formations of northwestern
Wyoming, *vii*
Thomson, obituary notice of George
Frederick Barker, *xiii*
Totemism, theories of, *xi*
Tower, the relations of U. S. to in-
ternational arbitration, *vi*
Trelease, desert group Nolineæ, 405,
vii

True, origin of porpoises of family
Delphinidæ, *xi*

V

Vanadium, atomic weight of, 191, *x*
Van Ingen, shore and off-shore de-
posits, Silurian age in Pa., *viii*
Van't Hoff, Jacobus Henricus,
obituary notice of, *iii*, *xii*
Verein für Naturkunde zu Cassel,
invitation to its 75th anniversary,
v
Vision, a phenomenon of, 316, *ix*

W

Whitehead, the high voltage corona
in air, 374, *ix*
Willcox, remains of glyptodon found
in Florida, *v*
—, teeth of Zeuglodon from Wil-
mington, N. C., *v*
Wilson, constitution of the atom, 366,
xii

Z

Zeuglodon, teeth of, *v*